

IN THE CLAIMS

1. - 15. (Canceled)

16. (Currently amended) A method of creating a dynamic representation from data received from an information source, comprising the steps of:

storing the data received from the information source;

identifying at least one text instance in the data using a text processing module;

finding an one or more images ~~image~~ in an image database module relating to the at least one text instance; and

selecting at least one image from the one or more found images to display with the data,
comprising the steps of:

identifying a number of unique text instances with associated images in the data;

comparing the number of unique text instances with a minimum number and
terminating the method if the number of unique text instances is less than the minimum number;

storing the number of unique text instances in a temporary structure;

ranking the unique text instances by their frequency in the data;

processing paragraphs of the data beginning with the paragraph having the most
unique text instances;

indicating in a document object that an image corresponding to the most frequent
unique text instance in a paragraph will be displayed in the dynamic representation of the paragraph;

and

grouping paragraphs into sections, wherein two consecutive paragraphs are grouped
together if one paragraph has a unique text instance and an image link so that each section has a
unique text instance and an image to display; and

generating the dynamic representation of the data from the at least one selected image and the data.

17. (Currently amended) The method of claim 16, wherein the generating step further

comprises:

transforming the data and the at least one selected image into an Extensible Markup Language (XML) object saved to an XML file in a storage disk;
creating at least one Extensible Stylesheet Language (XSL) style sheet in a storage disk; and
combining an XSL style sheet with the XML file to produce a Hypertext Markup Language (HTML) file representing a dynamic representation of the data.

18. (Previously presented) The method of claim 16, wherein the data comprises an article title and body.

19. (Previously presented) The method of claim 16, wherein the data comprises an HTML document.

20. (Previously presented) The method of claim 16, wherein the data comprises a digital news feed.

21. (Currently amended) The method of claim 16, wherein the step of identifying at least one text instance comprises the step of identifying an offset and a length of each text instance occurrence.

22. (Currently amended) The method of claim 16, wherein the step of storing data comprises the step of receiving data as a compressed collection of files via a file transfer protocol.

23. (Currently amended) The method of claim 16, wherein the step of identifying at least one text instance comprises the step of identifying proper names in the data.

24. (Currently amended) The method of claim 16, wherein the step of identifying at least one text instance comprises the step of providing a canonical form and a category of each text instance.

25. (Previously presented) The method of claim 16, wherein the step of identifying the at least one text instance comprises the steps of:

translating identifying information into an XML text buffer, wherein each text instance is converted into tagged elements in the data; and

creating a document object from the XML text buffer, wherein the object comprises the data and the at least one text instance.

26. (Previously presented) The method of claim 16, wherein the step of finding images comprises the steps of:

sending a query in the form of a Uniform Resource Locator (URL) string to the image database module; and

generating a list of elements matching the query in the image database module, wherein each element comprises a URL to an image file stored in the file system.

27. (Currently amended) The method of claim 16, ~~further comprising wherein,~~ in the step of combining paragraphs of the data into sections, ~~wherein~~ each section defines a state in the dynamic representation, and ~~wherein~~ each section comprises at least one paragraph and a single image corresponding to a text instance.

28. (Canceled)

29. (Previously presented) The method of claim 17, wherein, in the step of transforming the data and images, the XML file comprises elements needed by an XSL style sheet to construct HTML into a dynamic representation.

30. (Previously presented) The method of claim 17, wherein each XSL style sheet represents a different layout.

31. (Currently amended) An apparatus for creating a dynamic representation from data received from an information source, the apparatus comprising:

a memory; and

at least one processor coupled to the memory and operative to: (i) store the data received from the information source in a file system; (ii) identify at least one text instance using a text processing module; (iii) find ~~an~~ one or more images ~~image~~ in an image database module relating to the at least one text instance; ~~and~~ (iv) select at least one image from the one or more found images to display with the data, comprising the operations of: (a) identifying a number of unique text instances with associated images in the data; (b) comparing the number of unique text instances with a minimum number and terminating the method if the number of unique text instances is less than the minimum number; (c) storing the number of unique text instances in a temporary structure; (d) ranking the unique text instances by their frequency in the data; (e) processing paragraphs of the data beginning with the paragraph having the most unique text instances; (f) indicating in a document object that an image corresponding to the most frequent unique text instance in a paragraph will be displayed in the dynamic representation of the paragraph; and (g) grouping paragraphs into sections, wherein two consecutive paragraphs are grouped together if one paragraph has a unique text instance and an image link so that each section has a unique text instance and an image to display; and (v) (iv) generate the dynamic representation of the data from the at least one selected image and the data.

32. (Currently amended) An article of manufacture for creating a dynamic representation from data received from an information source, comprising a machine readable medium containing one or more programs which when executed implement the steps of:

storing the data received from the information source in a file system;

identifying at least one text instance in the data using a text processing module;

finding image in ~~an~~ one or more images ~~image~~ in an image database module relating to the at least one text instance; ~~and~~

selecting at least one image from the one or more found images to display with the data, comprising the steps of:

identifying a number of unique text instances with associated images in the data;
comparing the number of unique text instances with a minimum number and
terminating the method if the number of unique text instances is less than the minimum number;
storing the number of unique text instances in a temporary structure;
ranking the unique text instances by their frequency in the data;
processing paragraphs of the data beginning with the paragraph having the most
unique text instances;
indicating in a document object that an image corresponding to the most frequent
unique text instance in a paragraph will be displayed in the dynamic representation of the paragraph;
and
grouping paragraphs into sections, wherein two consecutive paragraphs are grouped
together if one paragraph has a unique text instance and an image link so that each section has a
unique text instance and an image to display; and
generating a dynamic representation of the data from the at least one selected image and the
data.